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The new vibrator increases the concrete worker's productivity \sqrt{in} packing down the concrete/ 50 percent, and cuts the expenditure of cement 15 percent.

ROD MILL BUILDERS WIN STALIN PRIZE -- Frunze, Sovetskaya Kirgiziya, 23 Mar 52

The Leningrad Construction Machinery Plant has begun production of a mill for cold rolling steel concrete-reinforcing rods. Unique in the world of construction machinery, the mill turns out rods whose cross section $\sqrt{varying}$ in alternating flat areas/ is like that of a chain. This not only makes them stronger, but effects a 35-percent saving in metal.

The machine was designed by A. I. Avakov, G. I. Berdichevskiy, and N. L. Perel'shteyn of the Scientific Research Institute of the Ministry of Construction of Machine Building Enterprises. The machine was put into production, and the varying-cross-section rods put into industrial use by engineers V. A. Polikan, A. S. Ladinskiy, V. P. Dunayev, and N. L. Alekseyev, chief engineer of the Leningrad Construction Machinery Plant. A Stalin Prize was awarded the innovators for developing the machine and effecting the industrial application of its rods.

NEW AGGREGATE MAKES STRUCTURAL FRAMEWORKS -- Moscow, Izvestiya, 22 Apr 52

The Krasny Proletariy Plant has developed a new aggregate, the MK-251, which turns out the framework for the columns used in building dwelling structures. The machine is actually a complex aggregate, 34 meters long, which also welds the rods of the framework. The MK-251 can turn out 800 frameworks in 10 days, enough for the requirements of an eight-story house.

MACHINES IMPROVE QUALITY OF BRICK -- Riga, Sovetskaya Latvija, 28 Mar 52

The Riga Machinery and Repair Plant of Construction Trust No 21 is building two hopper feeder aggregates for the Yelgava Brick Plant. These aggregates apportion the various amounts of clay, sawdust, and peat, mix them together, and feed them to crusher rollers. They increase the productivity of brick-making machines, and insure a brick of higher quality.

PRESS SPEEDS BRICK PRODUCTION -- Moscow, Vechernyaya Moskva, 9 Apr 52

The Cherepushki Plant recently ran tests on the new brick press which won a Stalin Prize for its inventor, Engineer A. Meliya. The new machine molds the bricks from dried milled clay, considerably shortening the production cycle, since the need for drying units is obviated.

AUTOMATIC LINE PRODUCES FOAMGLASS BLOCKS -- Leningrad, Vecherniy Leningrad, 22 Feb 52

The Leningrad Reduktor Plant has built a new automatic transfer machine line for the manufacture of foamglass blocks -- the latest thing in construction materials. The multiple -- unit aggregate automatically molds the blocks, subjects them to high temperatures, and cuts them into various sizes.

Another machine recently put out by the plant automatically rolls architectural facing glass. It has special steel rollers which polish the glass, making it better looking and stronger.

- 2 -

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A series of automatic machines which manufacture glass pipes has been completed.

Machines which vertically draw a window-glass sheet 2½ to 3 meters wide are attracting considerable attention. A special unit of the machines cuts and packages the glass. One of these machines turns out 100 meters of glass in an hour.

Kiev, Pravda Ukrainy, 12 Apr 52

The Leningrad Reduktor Plant has made a new automatic machine for producing so-called ceramic "carpet tiles." It can turn out various tiles with designs in six colors.

It replaces the work of 40 workers, producing a completed tile every 3 seconds.

SERIES-PRODUCE MORTAR MIXERS -- Moscow, Moskovskaya Pravda, 15 Apr 52

The Novosibirsk Construction Machinery Plant has established series production of mortar mixers, and has sent the first consignment of them to the builders of the Kuybyshev and Stalingrad GES.

The plant is now developing a new continuous-action mortar mixer which has a productivity of 3 cubic meters of mortar per hour, and can be operated by one worker.

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- 3 -

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